

**IN THE CLAIMS**

1. (currently amended) A recording/reproducing apparatus, comprising:

at least two channel selecting mechanisms for taking in a plurality of television signals delivered over a plurality of channels including the television signal delivered over a program guide providing channel and in which an electronic program guide is stored at a predetermined timing, and for selecting the television signal delivered over a desired channel from among the plurality of channels;

at least two signal processing mechanisms for performing predetermined processing to said television signal delivered over said desired channel;

electronic program guide extracting mechanism for extracting said electronic program guide from said television signal delivered over said program guide providing channel;

switching mechanism for switching connections of said channel selecting mechanisms to output to one or more of said at least two signal processing mechanisms and said electronic program guide extracting mechanism; and

control mechanism for controlling said switching mechanism such that, in a first operating case, the signal processing mechanisms are each connected to one of said channel selecting mechanisms and the electronic program guide extracting mechanism is connected to another one of said channel selecting mechanisms so that (i) a plurality of predetermined different processing is simultaneously performed on said television signal on said desired channel by each of said signal processing mechanisms while (ii) said electronic

program guide is obtained from said television signal by said electronic program guide extracting mechanism,

the at least two signal processing mechanisms simultaneously performing compressive coding processing to the television signal delivered over the desired channel such that each one of the at least two signal processing mechanisms performs compressive coding processing at a respective compression rate that is different than that at which any other of the at least two signal processing mechanisms performs compressive coding processing.

2. (previously presented) The recording/reproducing apparatus according to claim 1, wherein in a second case, said control mechanism controls said switching mechanism so that the at least two signal processing mechanisms and said electronic program guide extracting mechanism are collectively connected to only one of said plurality of channel selecting mechanisms.

3. (previously presented) The recording/reproducing apparatus according to claim 1, further comprising: a recording medium for storing said television signal subjected to said predetermined processing by said signal processing mechanisms, wherein said television signals compressively coded at the different compression rates are recorded in said recording medium.

4. (previously presented) The recording/reproducing apparatus according to claim 1, further comprising: a recording medium for storing said television signal subjected to said predetermined processing by each of said signal processing mechanisms, wherein said signal processing mechanisms simultaneously perform processing for viewing to said television signal carried over said desired channel, and said television

signals subjected to the above compressive coding in the above processing for viewing are recorded in said recording medium.

5. - 10. (cancelled)

11. (previously presented) A recording/reproducing apparatus, comprising:

two channel selecting mechanisms for taking in a plurality of television signals delivered over a plurality of channels including a program guide providing channel, and for selecting a television signal or signals therefrom from among the above plurality of television signals;

a first signal processing mechanism and a second signal processing mechanism for performing respective predetermined processing on a received television signal supplied thereto, the first signal processing mechanism performing a first predetermined processing and the second signal processing mechanism performing a second predetermined processing which is different than the first predetermined processing;

electronic program guide extracting mechanism for extracting said electronic program guide from said program guide providing channel;

switching mechanism for switching connections of said channel selecting mechanisms to output to one or more of the first and second signal processing mechanisms and said electronic program guide extracting mechanism; and

control mechanism for controlling said switching mechanism such that the first and second signal processing mechanisms are connected to a same one of said channel selecting mechanisms and the electronic program guide extracting mechanism is connected to another one of said channel selecting mechanisms so that (i) the first signal

processing mechanism and the second signal processing mechanism receive a same one of said plurality of television signals and cause the first predetermined processing and the second predetermined processing to be simultaneously performed on that television signal while (ii) said electronic program guide is obtained from that television signal by said electronic program guide extracting mechanism,

said first predetermined processing including compressive coding at a first compression rate and said second predetermined processing including compressive coding at a second compression rate which is different than the first compression rate.

12. (previously presented) A recording/reproducing method, comprising:

taking in, using two channel selecting mechanisms, a plurality of television signals delivered over a plurality of channels including the television signal delivered over a program guide providing channel and in which an electronic program guide is stored at a predetermined timing;

selecting, using the two channel selecting mechanisms, the television signal delivered over a desired channel from among the above plurality of channels;

performing, using at least two signal processing mechanisms, predetermined processing to said television signal delivered over said desired channel;

extracting, using an electronic program guide extracting mechanism, said electronic program guide from said television signal delivered over said program guide providing channel;

switching, using a switching mechanism, connections of said channel selecting mechanisms to output to one or more of

said signal processing mechanisms and said electronic program guide extracting mechanism; and

controlling said switching mechanism such that the signal processing mechanisms are each connected to one of said channel selecting mechanisms and the electronic program guide extracting mechanism is connected to another one of said channel selecting mechanisms so that (i) a plurality of predetermined different processing is simultaneously performed on the same said television signal on said desired channel by each of said signal processing mechanisms while (ii) said electronic program guide is obtained from said television signal by said electronic program guide extracting mechanism,

the plurality of predetermined different processing including simultaneously performing compressive coding processing, to the television signal delivered over the desired channel, at respective compression rates that are different from each other.